

ABSTRACT

RELATIONSHIP DRUG RELATED PROBLEMS (DRPs) FOR DOSAGE CATEGORY OF ANTI-HYPERTENSION DRUG WITH BLOOD PRESSURE CONDITIONS AT INTERNA OUTPATIENT CLINIC OF JENDRAL AHMAD YANI HOSPITAL METRO 2014

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Hypertension is the third largest risk factor that cause of death in the world. To handle hypertension cases, JNC 7 guidelines is needed. Using of the antihypertensive drugs often occurs Drug Related Problems (DRPs) for dosage category. DRPs is an event that can potentially interfere the desired healing achievement. The purpose of this study is to determine relationship DRPs for dosage category in administrating antihypertensive drug to the blood pressure condition of hypertensive patients at internal outpatient clinic of Jenderal Ahmad Yani Metro Hospital 2014.

This study uses analytic comparative with cross sectional retrospective design. The sampling uses medical records of patients with proportional random sampling methode. Data analysis are univariate and bivariate. The bivariate data analysis of this study using chi-square.

This study used 153 samples of medical records with hypertension. The incidence of DRPs for dosage categories on antihypertensive drugs administration is 18.3%. Hypertensive patients at internal outpatient clinic of Jenderal Ahmad Yani Hospital Metro 2014 which reaching treatment targets is 22.9%. Bivariate analysis showed there a relationship the incidence of DRPs for dosage category with blood pressure target inaccessibility ($p = 0.028$).

Keywords: DRPs categories of dosage, hypertension, blood pressure, JNC 7